

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A process for the production of a hydrogen-containing gas stream including the shift reaction wherein a gas stream containing carbon monoxide and steam is passed through a bed of a shift catalyst containing, in the reduced state, at least 15% by weight of copper, ~~characterised in that~~ wherein, immediately upstream of said shift catalyst, the gas stream is passed through a bed of an oxygen scavenger comprising an oxidisable composition containing copper and/or iron or iron oxide that is dissimilar to said shift catalyst.
2. (Original) A process according to claim 1 wherein the shift catalyst, in the reduced state, contains 20 to 50% by weight of copper.
3. (Original) A process according to claim 1 or claim 2 wherein the oxygen scavenger, in the reduced state, contains at least 50% by weight of copper.
4. (Original) A process according to claim 1 or claim 2 wherein the oxygen scavenger comprises the product of reducing copper compounds supported on shaped units formed from alumina or a calcium aluminate cement.
5. (Original) A process according to claim 4 wherein the oxygen scavenger, after reduction, contains 3 to 15% by weight of copper.
6. (Currently Amended) A process according to ~~any one of claims 1 to 5~~ claim 1 or claim 2 wherein the volume of oxygen scavenger is 5 to 20% of the volume of the shift catalyst.
7. (Currently Amended) An apparatus for the production of a hydrogen-containing gas stream including a shift reactor comprising a bed of a shift catalyst containing, in the reduced state, at least 15% by weight of copper, ~~characterised in that~~ wherein, immediately upstream of said shift reactor, there is a bed of an oxygen scavenger comprising an oxidisable composition containing copper and/or iron or iron oxide that is dissimilar to said shift catalyst.
8. (Original) An apparatus according to claim 7 wherein the shift catalyst, in the reduced state, contains 20 to 50% by weight of copper.

9. (Original) An apparatus according to claim 7 or claim 8 wherein the oxygen scavenger, in the reduced state, contains at least 50% by weight of copper.
10. (Original) An apparatus according to claim 7 or claim 8 wherein the oxygen scavenger comprises the product of reducing copper compounds supported on shaped units formed from alumina or a calcium aluminate cement.
11. (Original) An apparatus according to claim 10 wherein the oxygen scavenger, after reduction, contains 3 to 15% by weight of copper.
12. (Currently Amended) An apparatus according to ~~any one of claims 7 to 11~~ claim 7 or claim 8 wherein the volume of oxygen scavenger is 5 to 20% of the volume of the shift catalyst.